

DAILY ONLINE ACTIVITIES SUMMARY


Date:	20/05/2020	Name:	Shetty Sonali Sanjeeva
Sem & Sec	8 th B	USN:	4AL16CS123
Online Test Summary			
Subject	IOT		
Max. Marks	30	Score	26
Certification Course Summary			
Course	Network Virtualization Concepts		
Certificate Provider	VMWARE IT Academy	Duration	9 HOURS
Coding Challenges			
Problem Statement: Write a C Program to Reverse a Linked List in groups of given size.			
Status: Solved			
Uploaded the report in Github		yes	
If yes Repository name		SONALISHETTY	
Uploaded the report in slack		yes	

Online Test Details:

Browser tabs: New tab, your MCQ result is ready - sheet, Largest Tech Community | Hack...

Address bar: Not secure | techgig.com/challenge/p4wqm6zaibc3jb0?utm_source=Mailer&utm_medium=TG_batch&utm_campaign=Act_contestskilltestresult_2020-05-20&e...

Logout



Challenge Over
by TechGig
IOT IA1

MCQ

Your Highest Score 26 Max Score 30

Start Test

Summary

Skills	Understand, Analysis, Remember
Ends On	20 May

Details Winners FAQs My Submission

This test covers Module 1 and Module 2 Syllabus

Rules

1. Any participant can attempt the assessment only 1 times. Only your best score count!!

Certification Course Details:

Businesses use virtualization to build large clouds to serve millions of people. Virtualization can be a powerful tool for any one from public clouds to personal computers. You can use virtualization to run multiple operating systems on a single computer or backup your computer as a virtual machine. VMware IT Academy helps learners study cloud and virtualization.

THIS IS THE BADGE I RECEIVED ON COMPLETION OF THE COURSE



IT Academy: Network Virtualization Concepts
Issuer: VMware

Coding Challenges Details:

program1:

```
struct Node
```

```
{
```

```
int data;
```

```
struct Node* next;
```

```
};
```

pointer to the new head node. /

```
struct Node reverse (struct Node head, int k)
```

```
{
```

```
struct Node current = head;
```

```
struct Node next = NULL;
```

```
struct Node prev = NULL;
```

```
int count = 0;
```

```
while (current != NULL && count < k)
```

```
{
```

```
next = current->next;
```

```
current->next = prev;
```

```
prev = current;
```

```
current = next;
```

```
count++;
```

```
}
```

```

if (next != NULL)

    head->next = reverse(next, k);

return prev;

}

void push(struct Node** head_ref, int new_data)

{

    struct Node* new_node =

    (struct Node*) malloc(sizeof(struct Node));

    new_node->data = new_data;

    new_node->next = (*head_ref);

    (*head_ref) = new_node;

}

void printList(struct Node *node)

{

    while (node != NULL)

    {

        printf("%d ", node->data);

        node = node->next;

    }

}

int main(void)

{

    struct Node* head = NULL;

    push(&head, 8);

```

```
push(&head, 7);  
push(&head, 6);  
push(&head, 5);  
push(&head, 4);  
push(&head, 3);  
push(&head, 2);  
push(&head, 1);  
  
printf("\nGiven linked list \n");  
  
printList(head);  
  
head = reverse(head, 2);  
  
  
printf("\nReversed Linked list \n");  
  
printList(head);  
  
  
return(0);
```